L Number 2		Search Text resist photoresist photo-resist photosensitive photo-sensitive (sensitive near (photo light energy radiation))	DB USFAT; US-PGPUB; EP1; JP0; DESWENT	Time stamp 2003/06/20 13:17
3	7419	negative near2 (working patterning lithograph%6 photolithograph%6)	USEAT; USEAT; EFO; JPD; DERWENT	2003/06/20 13:19
,	3744	negative-working	USPAT; US-PGPUP; BPO; JPO; DESWENT	2003 06/20 13:18
5	17449	<pre>(resist photoresist photo-resist photosensitive photo-sensitive (sensitive near (photo light energy radiation))) near2 negative</pre>	USFAT; US-PGPUE; EE1; UF1; DEEWENT	2003:06/20 13:19
7	128604	(hydrophilic polyester al aluminum anodized) near2 (plate support substrate base)	USPAT; US-PGPUB; EEC; JEC; DERWENT	2003 06720 13:20
9	329995	topcoat ((second! upper top) near (layer coating film))	USPAT; US-PGPUB; EFI; UEO; DEPWENT	2003 06720 13:21
10	401030	<pre>basecoat ((first! lower bottom base) near (layer coating film))</pre>	USEAT; USEAT; USEPGPUB; EFG; JEG; DEPWENT	2003:06/30 16:10
11	939	o-quinonediazide	USFAT; US-PGFUB; EFO; UFO; DEFWENT	2003+06/20 14:03
13	2711	(flood\$3 blanket) near2 (expos\$4 irradiat\$5)	USEAT; US-PGFUB; EPO; JEO; CERWENT	2003106/00 13:23
14	101	inder.ecarboxylic adj acid	USEAT; US-PGFUP; EPC; GPC; CERWENT	2003 06/10 13:23
15	175947	ir! infrared adj radiation	USEAT; US-PGFUB; EFO; JEO; DEFWENT	2003/06/:0 13:53
16	11989	indere	USEAT; US-PGFUB; EFC; UFC; DEFWENT	2003/06/10 13:23
17	718	photothermal adj conversion	USEAT; US-PGEUE; EFC; UFC; DEFWENT	2003/06,20 13:14
18	338916	dye	USEAT; US-PGPUB; EPC; JFC; DEFWENT	2003/06,20 13:14
1	263	RAY-KEVIN-Bin. RAY-KEVIN-BARRYin. RAY-K-Bin. KITSON-ANTHONY-Pin. KITSON-Ain. KITSONin. KITSON-ANTHONY-PAULin. KITSON-A-Pin.	USPAT; US-PGPUB; EFO; JFO; DERWENT; IBM TUB	2003,06/20 13:73
19	39923	infra-red infra adj red	USFAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/20 13:53

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20	2	0 (RAY-KEVIN-Bin. FAY-MEVIN-BARFYin. RAY-K-Bin. KITSON-ANTHONY-Pin.	USPAT;	2003 06/20 13:35
		RITE.N-Ain. KITSINin. KITS.N-ANTHONY-PAULin. KITSIN-A-Pin. and (negative near2 (working patterning lite.graphs6 ;hotolithegraphs8)) negative-working (resust photoresist photo-resist resist rhotographs)	US-PGPUB, EFI; JFO;) DERWENT	
21	57248	<pre>pniviousensitive sensitive near (photo light energy radiation)) near2 negative) { (lithographse photolithographse }</pre>	TSPAT;	2003:06/20 13:35
0.5		photi-lithographs(printing) near2 plate	US-PGEUB; EFO; JPO;	
23	43	(RAY-KEVIN-Bin. FAY-KEVIN-BARRYin. RAY-K-Bin. FITSIN-ANTHONY-Bin. KITSIN-Ain. KITSINin. KITSIN-ANTHINY-PAULin. KITSIN-A-Pin. and lithographs6	CERWENT USEAT; US-PGPUB; EPC; CPO; EERWENT	2013 16 20 13:35
24	46	phot:-lithographso printing nears plate) (PAY-MEVIN-Bin. FAY-MEVIN-BAREYin. FAY-M-Bin. MITSON-ANTHONY-Pin. MITSOM-Ain. MITSONin. MITSOM-ANTHONY-PAULin. MITSOM-A-Fin.)	USPAT; US-EGEUB; EPO; JPO;	20(3,.6 20 13:36
		and enegative near! (working patterning lithe graphse protolithographse)) negative-working extensitive photo-resist photosensitive photo-sensitive (sensitive near (photo-light energy radiation); near! negative)) (RAY-FEVIN-B.in. FAY-FEVIN-BAFPYin. RAY-FE-in. FITSON-ANTHONY-Pin. KITSON-Ain. FITSON-A-pin.) and ((lithographse photolithographse photolithographse photolithographse printing) near! plate))) DEPWENT	
28		(inyarophilic polyester al aluminum anodiced) nearl (plate support substrate base): same (topccat ((second! upper top) near layer trating film)): same (basecoat (first! lower bottom base, near (layer coating film)):	USPAT; US-PGPUB; EFO; JPO; DERWENT	2003776, 20 13:42
34	8104	(in: infrared adj radiation infra-red infra infrared) adj absorb\$3	USPAT; US-FGPUB; EPO; JPO;	2003/(4/20 13:54
35		(terp:lymer polymer\$3 copplymer\$3 Co-p:lymer\$5; with methacrylamide with (methacrylic adj acid) with n-pher.ylmale:rdie	DEPWENT USFAT; US-PGPUB; EPO; JFO;	2003/16/20 13:56
37	24	o-naptrequinare	DEFWENT USPAT; US-FGPUE; EPU; JPC;	2003 06 10 14:02
38	687	o-naph-noquintny	DEFWENT USFAT; US-PGPUB; EPC; JPO;	2003 06 30 14:02
9	13627	Snaphthoguinones	DEFWENT USFAT; US-PSPUB; EPC; JPC;	2003,05 20 14:03
C	2279 (quinonriazid.;	DEFWENT USFAT; US-PGPUH; EPC: JPO;	2003/06 IO 14:04
<u>.</u>	Ç	o-quin nediamide o-napthoquinone o-naphthoquinche \$naphthoquinone\$ quinonediazide with (topocat ((second) opper top) near (layer coating film)	DERWENT	2003/06/20 14:20

42	<pre>1 (o-quinonediazide o-napthoquinone o-naphthoquinone \$naphthoquinone\$ quinchediazide) with (topocat ((second! upper top) near layer ocating film;)) with ((floods blanket) near2 (exposs4 irragiats).</pre>	USPAT; US-P3PUE; EP0; JP0; DERWENT	0003'0€/20 14:05
43	<pre>0 ((o-quinonediazide o-napthoquinone o-naphthoquinone @naphthoquinone@ quinonediazide) with (topocat ((second! upper top) near layer coating film)))) same (inydrophilic polyester al aluminum anodized) near2 plate support substrate pase)) same (flood@f blanket) near2 (expos@4 irradiat@5))</pre>	USFAT; US-PGPUE; EPC; JPC; DEFWENT	2003 06,120 14:06
44	<pre>8 :(p-quinonediazide b-hapthoquinone b-haphthoquinone \$haphthoquinone\$ quinonediazide) with (topopat ((second! upper top) near layer ocating film)))) same ((hydrophilic polyester al aliminum anodized) hear& plate support substrate base))</pre>	USFAT; US-PGPUB; EPO; JPO; DEFWENT	H003 06/H0 14:09
46	2 :((b-quinonediazine t-mapthoquinthe b-maphthoquinone \$maphthoquinone\$ quinthediazide) with (topopat ((second! upper top) near (layer ocating film)))) and ((negative near) (working patterning lithograph\$6 photolithograph\$6)) negative-working negative)) and ((hydrophilto polyester all aluminum anodized) near) plate support substrate base)) and (flood\$? blanket) near2 (expos\$4 irradiat\$6)) and ((ir! infrared adj radiation) (photothermal adj conversion : ((ir! infrared adj radiation infra-red infra infrared) adj absorb\$3) (infra-red infra adj red))	USFAT; US-FGPUE; EFG; JPG; DEFWENT	2003,06/20 14:17
45	32 ((o-quinonediaride o-napth:quinone c-naphth:quinone \$ quin(nediaride) with (top-crat ((second! upper top) hear (layer ocating film))) and ((negative hear) (working patterning lith(graph\$ 6 photolith(graph\$ 6)) hedative-working herative)	USEAT; USEEGPUE; EEC; JPC; EEPWENT	2003/06/20 14:19
47	<pre>2 (((o-quinonediazide t-napthoquinone c-naphthoquinone \$naphthoquinone\$ quinonediazide) with (topopat ((second! upper top) near (layer poating film)))) and ((negative near) (working patterning lithograph\$6 photolithograph\$6)) negative-working negative)) and ((flood\$3 klanket) near) (expos\$4 irradiat\$5)) and ((ir! infrared adj radiation) (phototnermal adj conversion; ((ir! infrared adj radiation infra-red infra infrared adj absorb\$3) (infra-red infra adj red);</pre>	USFAT; US-PGFUB; EFC; JPO; DEFWENT	2003/06/20 14:17
49	((hydrophilic polyester al aluminum anodized) near2 (plate support substrate base)) same (topocat ((second! upper top) near (layer coating film))) same (basecoat ((first! lower bottom base) near (layer coating film))) same ((flood\$3 blanket) near2 (expos\$4 irradiat\$5)) same ((ir! infrared adj radiation) (photothermal adj conversion) (infra-red infra adj red) ((ir! infrared adj radiation infra-red infra infrared) adj absorb\$3.		2003/06/20 14:20

49	<pre>76 ((hydrophilic polyester al aluminum</pre>	EPO; JPO; t DERWENT	2003/06/30 14:20
53	6 (b-quinonediazide b-napthoquinone o-naphthoquinone (aphthoquinone) quinonediazide) and (((hydrophilic polyester al aluminum anodized) hear? (plate support substrate base)) and (topopat ((second! upper top) hear (laye coating film))) and (hasecoat ((first! lower cottom base) hear (layer coating film))) and ((flood\$3 blanket) hear? (exposi4 irradiat\$5)) and ((ir! infrared and radiation (photothermal add conversion)) (infra-red infra add red) ((ir! infrared add radiation infra-red		2003 106 (20 14:59
51	infra infrared) adj absorb\$3)) 8 ((b-quinonediazide o-napthoquinone o-naphthoquinone \$naphthoquinone\$ quinonediazide) and (((hydrophilic polyester al aluminum anodized) near? (plate support substrate base)) and (toppost ((second! upper top) near (laye coating film)) and (hasecost ((first! lower hittom base) near (layer coating film))) and ((flood\$3 blanket) near? (expos\$4 irradiat\${})) and ((ir! infrared adj radiation (photothermal adj conversion) (infra-red infra adj red) ((ir! infrared adj radiation infra-red infra infrared; adj absorb\$3)))) and (negative-working negative)		2003/06/20 14:23
52	<pre>thegative=working negative; 4 (o-quinthediazide o-napthoquinone o-naphthoquinone \$naphthoquinone\$ quinchediazide) same (indehedarboxylic a</pre>	USEAT; US-FGPUE; dj EPO; JPO;	2003/05/20 15:22
53	acid) same inderse 14 (("20030104307") or ("6855291") or ("6534236") or ("6451808") or ("6143470" or ("8919600") or ("8641603")).EN.	DEFWENT USEAT;) US-FGPUE; EFG; JPG; DEFWENT	2003/06.20 15:22
54	7 ((("20030104307") or ("6555291") or ("6534236") or ("6451506") or ("6143470" or ("5919600" or ("5641603")).FN.) and ((flood\$5 blanket) near2 (exposs4 irradiat\$5))	USEAT; US-EGPUE;	2003/06/20 15:36
55	2 ("4544627": .PN.	USFAT; US-PGPUB; EFC; JPC; DEFWENT	2003,705,20 15:46
56	4 ±	USFAT	2003/06/20 15:39
57	1	USFAT	2003/06/20 15:39
58	• •	USFAT	2003 06:20 15:41
59	1	USFAT	2003/06/20 15:41
60	:	USFAT	2003/06/20 15:41
61		USFAT	2003.06/20 15:41
62 63	•	USFAT USPAT	2003/06/10 15:42 2003/06/20 15:42
ნა ნ∔	:	USFAT	- 2003/06/20 15:42 - - 2003/06/20 15:42 -
ē5	- - -	USPAT	2003/06/20 15:42
é"	10 "4105450".FN. "4063949".FN. "4028111".FN "3929466".FN. "3900325".FN. US-3759711-A.DID. US-3567453-A.DID. "3567453".FN. "4196003".FN. "4356284".FN	USFAT; US-PGPUB; EPO; UPO;	2003/06/20 15:43

69	1	("4105450".PN. "4063949".PN. "4028111".PN. "3929488".PN. "3900325".PN. US-3759711-A.DID. US-3567453-A.DID. "3567453".PN. "4196003".PN. "4356254".PN.) and : basecoat ((first! lower bottom base) near layer coating film))) underlayer under-layer)	USFAT; US-PGPUB; EP1; JP0; DEFWENT	2003/06/20 15:44
69	Ĉ.	<pre>"4108455".PN. "4063949".PN. "4028111".PN. "3929488".PN. "3930328".PN. US-3789711-A.DID. US-3567453-A.DID. "3567453".PN. "4196333".PN. "4356254".PN.) and (toppost ((second! upper top) near (layer coating film()))</pre>	USEAT; US-PGPUE; EFC; JPO; DEFWENT	2003'06'30 15:44
70 71		4544627.URPN. (:terpolymer polymer\$6 copolymer\$8 co-polymer\$3) with methacrylamide with (methacrylic accided with n-phenylmaleimide: and ((negative near2)) (working patterning lithograph\$6 photolithograph\$6.) negative-working ((nydrophilic polyester al aluminum antdized) near2 (plate support substrate base)) ((lithograph\$6 printing) near2 plate))	USEAT; USEAT; USEPGPUE; EFI; JPI; DEFWENT	2003 06/20 16:01 2003 06/20 16:15
72	12608	underlayer under-layer	USFAT; US-PGPUE; EFO; JPO; DEPWENT	2003/06/20 16:10
73	606	<pre>((raseclat ((first! lower bottom base) near (layer coating film))) (underlayer under-layer)) with (hydrophilic polyester al aluminum anodized) near2 (plate support substrate base)) with (topcoat (second! upper top) near (layer coating film)))</pre>	USFAT; US-PGPUB; EFD; JPD; DEFWENT	2003 06/20 16:16
74	24	((kasecoat ((first! lower bottom base) near (layer boating film))) (underlayer under-layer)) with (hydrophilic polyester al aluminum anodized; near2 (plate support substrate base)) with ((topcoat (second! upper top) near (layer boating film))) near3 ((resist photoresist photoresist photosensitive photo-sensitive (sensitive near (photo light energy radiation)); photoimac\$5))	OSPAT; US-PGPUE; EEG; JEG; SERWENT	::003,06:30 16:11
75	0	WC-0146318-\$.did.	USPAT; US-PGPUB; EFO; JPD; DEFWENT	2003/06/20 16:15
76	J	W0-01(46318-\$.did.	USFAT; US-PGPUB; EPC; UPC; DEFWENT	2003, 06, 00 16:15
77	J	WG-010045318-3.did.	USFAT; US-PGPUB; EPC; JPI; DEFWENT	1003/06,20 16:15
78	1	WO-200146318-\$.did.	USEAT; US-PGPUB; EPO; JPO; DEFWENT	2003/06,20 16:15
79	19889	<pre>((basecoat ((first! lower bottom base) near (layer coating film))) (underlayer under-layer) with (benefit improvs6 better)</pre>	USFAT; US-PGPUH; EPO; JPO; DERWENT	2003/06/20 16:59

81	9.4	(((basecoat :(first! lower bottom base) near (layer coating film))) (underlayer under-layer; with ((hydrophilid polyester al aluminum anodized) near2 (plate support substrate base) with (topocat (second! upper top) near (layer doating film);) and ((basecoat (first! lower bottom base) near (layer doating film))) underlayer under-layer)) with (benefit improv\$5 better)	USPAT; US-PGPUB; EPO; JPO; DESWENT	2003/06/20 16:17
82	35	<pre>in(pasecoat ((first! lower bottom pase) near (layer coating film))) (underlayer under-layer)) with (inydrophilic polyester al aluminum anodized) near2 (plate support substrate base)) with (topocat ((second! upper top) near (layer coating film)))) same ((ipasecoat (ifirst! lower bottom base) near (layer coating film))) (underlayer under-layer)) with (benefit improv\$6 retter))</pre>	USFAT; US-PSPUB; EPG; JPG; DERWENT	2003/06/20 16:18
83	3	()((pasectat ((first! lower bittom base) near (layer coating film))) (underlayer under-layer)) with ((hydrophilic polyester al aluminum anodized) near2 (plate support substrate base)) with (topotat ((second! upper top) near (layer coating film)))) same (((basectat ((first! lower bottom base) near (layer coating film))) (underlayer under-layer)) with (benefit improves retter))) and (printing adjustate)	USIAF; US-PSPUB; EEC; JPC; DEPWENT	::303 06 1::59
84	7	((flood)) blanket) near2 (expos)4 irradiat()) with (prior before preceed()) with ((ir! infrared adj radiation) (infra-red infra adj red) photoablat() ablat())	USEAT; USEPGPUE; EFO; JPO; DEFWENT	2003/06/20 16:30
85	14	((flood\$3 blanket) near2 (expos\$4 irradiat\$5)) with (then after following) with ((ir! infrared adj radiation) (infra-red infra adj red) photoablat\$5 ablat\$5	USEAT; US-PGPUB; EFO; JPO; DEFWENT	2003:96/20 16:49
86	0	("4544627").FN.) and ((ir! infrared adj radiation) (infra-red infra adj red) ((ir! infrared adj radiation infra-red infra infrared; adj absorb\$3))	USPAT; US-PGPUB; EPO; JPO; LEPWENT	2003 06 00 16:50
87	1	(("45446일7").FN.) and (infrared)	USPAT; US-PGPUB; ESO; JPO; PERWENT	1003 06 20 16:51
98	353477	ir! infrared	USFAT; US-PGPUE; EFO; JFC; DEPWENT	2003 06 20 16:52
89	60	((flcod\$3 blanket) near2 (expos\$4 irradiat\$5)) with (ir! infrared	USFAT; US-PGPUE; EPC; JPC; DERWENT	2003.06720 17:03
90	33	<pre>(((flocd\$3 blanket) near2 (expos\$4 irradiat\$5\) with (ir! infrared)) and ((topcoat ((second! upper top) near (layer coating film)\) (basecoat ((first! lower bottom base) near (layer coating film\)) (underlayer under-layer))</pre>	USFAT; US-PGPUB;	2003/06/20 16:59
91	433či	(intermediate' with (benefit improv35 better)	USFAT; US-PGPUE; EPG; JPC; DERWENT	2003/06/20 16:59
92	445	<pre>((intermediate) with (benefit improved better) and (printing adj plate)</pre>	USPAT; US-PGPUB; EPG; UFG; DERWENT	2003/06/20 17:11

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93	5	((intermediate) with (benefit improv\$5	USPAT;	2003/06/20 17:01
		better)) and (printing adj plate) and (ir!	US-PGPUP; EPO; JPO;	
		<pre>infrared) and ((flood\$3 blanket) near2 (expos\$4 irradiat\$5;)</pre>	EPU; CPL; DEPWENT	
94	4	<pre>((flood\$3 blanket) near2 lexpos\$4</pre>	USFAT;	2003/06/20 17:06
, <u>.</u>	•	irradiat\$5): with wir! infrared; near3	US-PGPUE;	2000 00 1.0 17.00
		(ablat\$6 photoblat\$5 photo-ablat\$5	EPC; JPC;	
		patternwise pattern-wise imagwise	DEFWENT	
		image-wise);		
Ğ Ē	650	(ir! infrared) with (visible adj (light	USFAT;	2003/06/20 17:15
		radiation)) with (better prefer\$5 improv\$5)	U3-PGPUE;	
		TWDI 3/42)	EPG; JPG; DERWENT	
96	47	(ir! infrared) near3 (visible adj (light	USFAT	2003/06/20 17:08
	•	radiation)) near3 (better prefer\$5		
		improv\$5)		
97	11	((ir! infrared) with (visible adj (light	USEAT;	.:003/06/20 17:12
		radiation)) with (better prefer\$5	U3-PGPUE;	
		<pre>improv\$E)) and (printing adj plate)</pre>	EPO; JPO; DERWENT	
98	411	(ir! infrared) with (visible add (light	USEAT;	1003/06/20 17:15
		radiation)) and (printing adj plate)	US-PGPUP;	
			EPG; JPO;	
			IEFWENT	
99	273	(ir! infrared) with (visible adj (light	USFAT	1003/16,20 17:17
100	1.4	radiation)) and (printing adj plate)	11.3 E T C	
100	± 4	(ir! infrared) with (visible adj (light radiation)) with (known conventional\$3	USFAT	1003 06/.0 17:14
		typical\$3) and (printing adj plate)		
101	24	(ir! infrared) same (visible add (light	USFAT	2003/06/20 17:46
		radiation)) same (known conventional\$3		
		typical\$3) same (printing adj plate)		
102		us-4544627-\$.did. and (phenolic phenol)	USFAT	1003/06/20 17:52
103 104		(ir! infrared) with diazo adj dye	USPAT USFAT	1003/06/10 17:52 2003/06/10 17:53
105		(ir! infrared) with (diazc adj dye) (ir! infrared) with (anthroaguinone adj	USPAT	1003/36/10 17:53 1003/36/10 17:53
1.5	J	dye)	OSLAI	1000 0 7 0 0 7 1 0 0 0 0 0 0 0 0 0 0 0 0
106	5	(ir! infrared) with (carbonium adj dye)	USPAT	1003,06,10 17:56
107		((ir! infrared) with (carbonium adj dye))	USPAT	1003/06,20 18:37
		and (c-quinonediazide o-napthoquinone		
		o-naphthoquinone \$naphthoquinone\$		
109	1	quinonediazide) us-5631119-\$.did. and (ir! infrared)	USPAT	1003,06/20 18:37
4 U V	1	as sositis viata, and (it. initated)	OSTAL	2000,00/20 10.3/

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